



PATENT APPLICATION  
CS-8850  
BCS047001

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICATION OF )  
MASHITO ITO ET AL )  
SERIAL NUMBER: 10/589,113 )  
DATE SUBMITTED: AUGUST 10, 2006 )  
TITLE: PYRIMIDINE DERIVATIVES AND )  
USE THEREOF AS AGRICULTURAL )  
AND HORTICULTURAL FUNGICIDES )

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This disclosure statement under 37 CFR 1.97 & 1.98 is submitted before the first Office Action in order that the Patent and Trademark Office may consider the relevancy of certain information to the invention described and claimed in the subject application, and in compliance with the regulations concerning information disclosure statements. Copies of the foreign documents and articles listed on the attached Form PTO-1449 are enclosed.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an enveloped addressed to: Commissioner for Patents, Alexandria, VA 22313-1450 on 1/04/07

Date

Richard E.L. Henderson, Reg. No. 31,619  
Name of applicant, assignee or Registered Representative

Richard E.L. Henderson

Signature

January 4, 2007

Date

Concise statements of the presently understood relevance of each of the documents are found in the specification filed.

This Information Disclosure Statement should not be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, that any document mentioned herein constitutes prior art, or that the documents listed severally or in any combination with one another or with any other information, are believed to render any claim in the subject application *prima facie* unpatentable.

Respectfully submitted,

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Form PTO 1449 Rev. 7-80	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No CS-8850/BCS047001	Serial No. 10/589,113
LIST OF PRIOR ART CITED BY APPLICANT (Use Several Sheets If Necessary)		Applicant Mashito Ito et al	
		Filing Date August 10, 2006	Group

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	**5,250,530	10/05/93	Giencke	514	256	
	AB						
	AC						
	AD						
	AE						
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	AG						
	AH						
	AI						
	AJ						
	AK						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							Yes      No*
	AL	40 29 649	03/26/92	Germany (Abstract attached)			X
	AM	40 34 762	05/07/92	Germany (Abstract attached)			X
	AN	11-228500	08/24/99	Japan (Abstract attached)			X
	AO	**99/19305	04/22/99	World			
	AP	**00/61562	10/19/00	World			

**OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

AR	AS	AT	Armyanskii Khimicheskii Zhurnal, Vol. 23, No. 5, (month unavailable) 1969, pages 401-405
			Armyanskii Khimicheskii Zhurnal, Vol. 23, No. 5, (month unavailable) 1970, pages 462-468
			Armyanskii Khimicheskii Zhurnal, Vol. 24, No. 1, (month unavailable) 1971, pages 45-50
EXAMINER			DATE CONSIDERED

EXAMINER Initial if references considered, whether or not citation is in conformance with MPEP 609: Draw line through if not in conformance and not considered. Include copy of this form with next communication to applicant.

\* Neither English Language Equivalent nor an English Language Translation is available.

\*\* Copies of documents previously submitted by WIPO.

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	AN	**0 465 323	01/08/92	Europe				
	AO	**36 09 596	10/01/87	Germany				
	AP	**02/074753	09/26/02	World				

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	Armyanskii Khimicheskii Zhurnal, Vol. 24, No. 8, (month unavailable) 1971, pages 721-726				
	AS	Journal of Organic Chemistry, Vol. 32, No. 2, Aug-Sept 1992, pages 1369-1370, M Butters,				
		"Large Scale Synthesis of 4-Ethylpyrimidine"				
	AT	Journal of Organic Chemistry, Vol. 32, No. 2, May 1967, pages 1591-1596, John J. Lafferty et al,				
		"The Preparation and Properties of Certain Pyridylpyrimidines and Bidiazines as Potential Chelating Agents for Iron(II)"				

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							Yes	No*
	AL	**03/043993	05/30/03	World				
	AM	**8-283246	10/29/96	Japan				
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**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		Journal of the American Chemical Society, Vol. 77, Feb. 5, 1995, pages 745-749,
			W.B. Whalley et al, "Reductive Desulfurization of Thiohydantoins and Thiobarbituric Acids with Raney Nickel"
	AS		Journal of the American Chemical Society, Vol. 60, December 1938, pages 2941-2944,
			Treat B. Johnson et al, "Researches on Pyrimidines, CLIX. Synthesis of 6-Benzyl- and 5-Benzyluracils"
	AT		Journal of Organic Chemistry, Vol. 26, February 1961, pages 412-418, Fred C. Schaefer et al,
			"Base-Catalyzed Reaction of Nitriles with Alcohols. A Convenient Route to Imidates and Amidine Salts"

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AR	Journal of Organic Chemistry, Vol. 34, February 1969, pages 292-296, Fred H. Suydam et al, "The Synthesis of Imide Hydrochlorides by Reaction of Ethyl Chloroformate with Amides and Thionamides"	AS	Chemical Reviews, Vol. 35, (month unavailable) 1944, pages 351-425, R.L. Shriner et al, "The Chemistry of the Amides"	AT	**Sard et al.: "Preparation of 4,5-disubstituted pyrimidines: ring substitution of 5-mesyloxymethyl-pyrimidines" Journal of Organic Chemistry, vol. 65, no. 26, 2000, pages 9261-9264 XP002334125
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